

Express Mail No.:
Date Deposited:

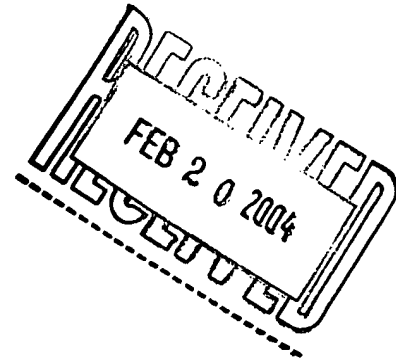
EL 984585652 US
February 6, 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/842,484
Applicant : Paul DeAngelis
Filed : April 25, 2001
TC/A.U. : 1623
Examiner : Michael C. Henry
Docket No. : 4605.003
Customer No. : 30589

Confirmation No. 2281



Mail Stop Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Sir:

In response to the Office Action mailed September 9, 2003, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

APPROVED

for

Express Mail No.: EL 984585652 US
Date Deposited: 02/06/2004PTO DEPOSIT ACCOUNT CHARGE
ACCOUNT NO. 1-1700

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL

FEB 06 2004

for FY 2004

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 390

Complete if Known

Application Number 09/842,484

Filing Date 04/25/2001

First Named Inventor Paul L. DeAngelis

Examiner Name M. Henry

Art Unit 1623

Attorney Docket No. 4605.003

FEB 20 2004

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

04-1700

Dunlap, Codding & Rogers, P.C.
Customer No. 30589

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|------------------------|----------|
| 1001 770 | 2001 385 | Utility filing fee | |
| 1002 340 | 2002 170 | Design filing fee | |
| 1003 530 | 2003 265 | Plant filing fee | |
| 1004 770 | 2004 385 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |

SUBTOTAL (1) (\$ 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| | | | \$0 |
| Independent Claims | | | \$0 |
| Multiple Dependent | | | \$0 |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|-------------------------------|-------------------------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | 210 |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | 180 |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 390

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)

Douglas J. Sorocco

Registration No.
(Attorney/Agent)

43,145

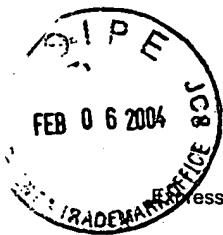
Telephone (405) 607-8600

Signature

Date

02/06/2004

Mail Stop Fee Amendment
Commissioner for Patents
PO Box 1450, Alexandria, VA 22313-1450



3-09-04

1623 / \$

APPROVED

for
DEPOSIT ACCOUNT CHARGE
ACCOUNT #04-1700

Express Mail No. EL 984585652 US

Deposited on: February 6, 2004

DUNLAP CODDING & ROGERS, P.C.

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | |
|------------------------|-------------------|
| Application Number | 09/842,484 |
| Filing Date | 04/25/2001 |
| First Named Inventor | Paul L. DeAngelis |
| Group Art Unit | 1623 |
| Examiner Name | M. Henry |
| Attorney Docket Number | 4605.003 |

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
☐ Fee Attached
- ☒ Amendment / Reply
☐ After Final
☐ Affidavits/declaration(s)
- ☒ Extension of Time Request
☐ Express Abandonment Request
- ☒ Information Disclosure Statement
☐ Certified Copy of Priority Document(s)
☐ Response to Missing Parts/
Incomplete Application
☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53

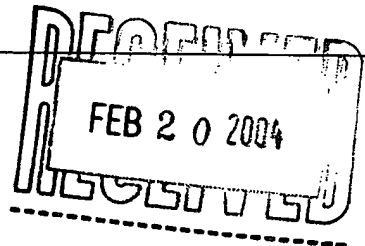
- ☐ Assignment Papers
(for an Application)
☐ Drawing(s)
☐ Licensing-related Papers
☐ Petition
☐ Petition to Convert to a
Provisional Application
☐ Power of Attorney, Revocation
Change of Correspondence
Address
☐ Terminal Disclaimer
☐ Request for Refund
☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication
to Group
☐ Appeal Communication to Board
of Appeals and Interferences
☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)
☐ Proprietary Information
☐ Status Letter
☒ Other Enclosure(s) (please
identify below):

See remarks below:

Remarks

1. Transmittal Form (1 page);
2. Fee Transmittal (1 page);
3. Fee Determination Record (1 page);
4. Petition for Extension of Time (1 page);
5. Supplemental IDS (6 pages);
6. Substitute for form 1449A/PTO (4 pages);
7. Amendment (15 pages); and 8. Postcard.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

| | |
|-------------------------------|---|
| Firm or Individual name | DUNLAP, CODDING & ROGERS, P.C., Customer Number 30589 Attn: Douglas J. Sorocco, P. O. Box 16370, Oklahoma City, Oklahoma 73113 |
| Signature | |
| Date | 2.6.03 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. EL 984585652 US in an envelope addressed to the address below on this date: February 6, 2004

| | |
|-----------------------|-------------------------------------|
| Typed or printed name | Douglas J. Sorocco, Reg. No. 43,145 |
| Signature | |

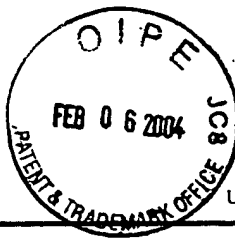
Date 2.6.03

SEND TO: Mail Stop Fee Amendment
Commissioner for Patents
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Alexandria, VA 22313-1450

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Date Deposited: 02/06/2004


 PTO/SB/06 (08-00)
 Approved for use through 10/31/2002. OMB 0651-0032
 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

4605.003

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

| FOR | NUMBER FILED | NUMBER EXTRA |
|--|--------------|--------------|
| BASIC FEE (37 CFR 1.16(a)) | | |
| TOTAL CLAIMS (37 CFR 1.16(c)) | minus 20 = * | 0 |
| INDEPENDENT CLAIMS (37 CFR 1.16(b)) | minus 3 = * | 0 |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) | | 0 |

| RATE | FEE |
|----------|------|
| | \$ 0 |
| x \$ 9 = | 0 |
| x 43 = | 0 |
| + 140 = | 0 |
| TOTAL | 0 |

| RATE | FEE |
|-----------|------|
| | \$ 0 |
| x \$ 18 = | 0 |
| x 86 = | 0 |
| + 280 = | 0 |
| TOTAL | 0 |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

| AMENDMENT A | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---|---|-------|---|------------------|
| Total (37 CFR 1.16(c)) | * | Minus | ** 20 | = | 0 |
| Independent (37 CFR 1.16(b)) | * | Minus | *** 3 | = | 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | | |

| RATE | ADDI- TIONAL FEE |
|------------|------------------------|
| x \$ 9 = | 0 |
| x 43 = | 0 |
| + 140 = | 0 |
| TOTAL | 0 |
| ADDIT. FEE | |

| RATE | ADDI- TIONAL FEE |
|------------|------------------------|
| x \$ 18 = | 0 |
| x 86 = | 0 |
| + 280 = | 0 |
| TOTAL | 0 |
| ADDIT. FEE | |

| AMENDMENT B | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---|---|-------|---|------------------|
| Total (37 CFR 1.16(c)) | * | 27 | Minus | ** 110 | = |
| Independent (37 CFR 1.16(b)) | * | 10 | Minus | *** 40 | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | | |

| RATE | ADDI- TIONAL FEE |
|------------|------------------------|
| x \$ 9 = | 0 |
| x 43 = | 0 |
| + 140 = | 0 |
| TOTAL | 0 |
| ADDIT. FEE | |

| RATE | ADDI- TIONAL FEE |
|------------|------------------------|
| x \$ 18 = | 0 |
| x 86 = | 0 |
| + 280 = | 0 |
| TOTAL | 0 |
| ADDIT. FEE | |

| AMENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|---|---|-----|---|------------------|
| Total (37 CFR 1.16(c)) | * | Minus | ** | = | |
| Independent (37 CFR 1.16(b)) | * | Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) | | | | | |

| RATE | ADDI- TIONAL FEE |
|------------|------------------------|
| x \$ 9 = | 0 |
| x 43 = | 0 |
| + 140 = | 0 |
| TOTAL | 0 |
| ADDIT. FEE | |

| RATE | ADDI- TIONAL FEE |
|------------|------------------------|
| x \$ 18 = | 0 |
| x 86 = | 0 |
| + 280 = | 0 |
| TOTAL | 0 |
| ADDIT. FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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 Commissioner For Patents, PO Box 1450
 Alexandria, VA 22313-1450